

1895

AYLESBURY URBAN SANITARY AUTHORITY.

THE FIFTEENTH ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

Estimated population, 9,420.

During the year there have been registered—

	M.		F.		Total.	Annual Rate per 1,000 living.
Births	96	...	114	...	210	or 22.2929
Deaths	65	...	75	...	140	or 14.8619
Excess of Births	31	...	39	...	70	7.4310

Twenty deaths were extra-parochial; deducting these makes the deaths 120, or 12.739 per 1,000 living.

There were—

	14 deaths in Infirmary,	12 extra-parochial.
	11 „ „ Union House,	6 „ „
Sudden deaths	2	Of strangers 2 „ „
	27	20

The births are 4 less than last year, 37.9 less than average of previous ten years, and the lowest return since 1881, notwithstanding the increase of population. The deaths are one less than last year, and 24.2 less than average of previous ten years, and also the lowest record since 1881 (when 116 were registered), and lower than that year, when the increase of population is considered. A low birth-rate tends to make a low death-rate, as infant mortality exceeds that of any other period of life. I append tables of births and deaths for this and previous ten years. In this table the extra-parochial deaths are deducted, thus showing the corrected death-rate; all those that follow are calculated from the gross death-rate, as returned by the registrar:—

	Per 1,000.		Per 1,000.
1885 Births,	276 or 34.328	...	Deaths, 149 or 18.427
1886 „	257 „ 31.456	...	„ 200 „ 24.479
1887 „	275 „ 33.321	...	„ 140 „ 16.987
1888 „	252 „ 30.230	...	„ 149 „ 17.874
1889 „	251 „ 29.813	...	„ 122 „ 14.847
1890 „	217 „ 25.523	...	„ 138 „ 16.231
1891 „	253 „ 28.375	...	„ 151 „ 17.823
1892 „	252 „ 27.885	...	„ 143 „ 15.823
1893 „	232 „ 25.2283	...	„ 129 „ 14.0278
1894 „	214 „ 22.9909	...	„ 121 „ 13.0004
1895 „	210 „ 22.2929	...	„ 120 „ 12.739

As regards sex the births and deaths for this and previous ten years are:—

	BIRTHS.										
	1895.	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.	1885.
M.	96	114	118	139	124	112	122	126	156	127	136
F.	114	100	114	113	129	105	129	126	118	130	140
Total	210	214	232	252	253	217	251	252	274	257	276
	DEATHS.										
	1895.	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.	1885.
M.	65	79	90	86	85	78	74	98	72	107	93
F.	75	62	70	74	90	83	61	75	79	117	71
Total	140	141	160	160	175	161	135	173	151	224	164

	1895.	1894.	1893.	1892.
Excess of female births...	18;	of male births...	14	4 26
„ „ „ deaths...	10;	„ „ „ deaths..	17	20 12

Average of previous ten years shows an excess of male births over female of 7 per annum; and of male deaths over female of 8 per annum.

This year is remarkable for the reversing the order, giving the excess of births and deaths to the female sex.

The deaths from zymotic diseases 10, or 1·0615 per 1,000, attributed to puerperal fever 1, erysipelas 5, diarrhœa (infantile) 3, rheumatic fever 1.

Thirty-six cases notified under Infectious Diseases Act, viz.,—

Modified Small Pox	3
Scarlet Fever	16
Diphtheria	1
Enteric Fever	4
Puerperal Fever.....	4 ... 1 fatal.
Erysipelas	8 ... 5 „

Four cases of typhoid removed into the Union House from district were not notified afresh; one case of pyrexia, not of a definite character, occurring in Union House, does not appear in the register.

Table of deaths from zymotic diseases for this and previous ten years :—

1885	26 or 3·216 per 1,000 living.
1886	61 „ 7·588 „
1887	33 „ 3·997 „
1888	22 „ 2·639 „
1889	19 „ 2·256 „
1890	19 „ 2·230 „
1891	16 „ 1·794 „
1892	18 „ 1·9918 „
1893	18 „ 1·9573 „
1894	22 „ 2·3628 „
1895	10 „ 1·0615 „
Average of ten years.....	25·4 „ 2·696 „

This year is 13·4 below average of ten years previous. During the first three years of the decade diphtheria, whooping, and measles were epidemic; this is quite free from mortality in these affections, and scarlet fever also.

Table of causes of death from principal zymotic diseases for this and previous ten years:—

	1895.	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.	1885.	Average of 10 years.
Measles.....	0	0	1	11	0	0	4	0	0	17	0	3·3
Diphtheria	0	1	5	0	0	0	0	6	27	16	14	1·9
Whooping Cough..	0	14	0	0	4	5	1	5	1	16	1	4·7
Croup	0	0	0	0	1	2	2	3	2	0	1	1·1
Diarrhœa&Dysentery	3	2	7	2	2	3	7	3	0	8	1	3·5
Rheumatic Fever...	1	1	1	0	0	0	0	0	0	1	1	·4
Erysipelas	5	0	0	1	0	1	3	0	3	1	1	1·0
Enteric Fever	0	0	0	0	0	6	1	2	0	0	1	1·0
Puerperal Fever ...	1	0	1	0	0	2	0	1	0	0	4	·8
Scarlet Fever	0	1	1	0	2	0	1	2	0	0	1	·8
Pyæmia	0	0	0	0	0	0	0	0	0	2	1	·3
Influenza	0	3	2	4	7	0	0	0	0	0	0	1·6
— — — — —	—	—	—	—	—	—	—	—	—	—	—	—
	10	22	18	18	16	19	19	22	33	61	26	



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Table of deaths from pneumonia, pleurisy, and bronchitis for this and previous ten years:—

1885	26, or	3·215	per 1,000 living.
1886	33, „	4·029	„ „ „
1887	22, „	2·665	„ „ „
1888	28, „	3·359	„ „ „
1889	19, „	2·216	„ „ „
1890	26, „	3·058	„ „ „
1891	30, „	3·363	„ „ „
1892	31, „	3·430	„ „ „
1893	25, „	2·7185	„ „ „
1894	35, „	3·7623	„ „ „
1895	25, „	2·759	„ „ „

Average of ten years, 27·5; and 10 less than last year.

The deaths occurred principally in first quarter of year; 4 were under 5 years old.

Deaths at different ages for this and previous ten years:—

	1895.	1894.	1893.	1892.	1891.	1890.	1889.	1888.	1887.	1886.	1885.
Under 1 year	19	39	26	32	34	29	23	40	31	57	28
1 & under 5	5	14	16	15	11	14	11	17	25	39	12
5 „	15	1	5	12	6	5	7	7	7	14	17
15 „	25	8	7	4	10	11	8	4	8	5	11
25 „	65	50	38	49	39	37	36	38	36	32	40
65 & upwards	57	38	53	58	77	65	52	65	44	65	66

140 141 160 160 175 161 135 173 151 224 164

Of those born (210) 14 died within the year, 7 males and 7 females, or 6·66 per cent. of births, a very much lower rate than last year and average of ten years, as shown by table:—

1895	14, or	6·66	per cent. of births.
1894	24, „	11·30	„ „
1893	21, „	9·515	„ „
1892	25, „	9·92	„ „
1891	28, „	11·067	„ „
1890	20, „	10·85	„ „
1889	12, „	4·78	„ „
1888	30, „	11·9	„ „
1887	21, „	7·636	„ „
1886	33, „	12·84	„ „
1885	22, „	7·97	„ „

10 years' average 23·6 9·777

The death-rate under 1 year is .20 less than last year, and 14·9 below average of previous ten years. 7 died within the first week, against 9 and 14 for 1894 and 1893. Deaths are attributed to—Premature birth and deficient vitality at birth, 8; diarrhoea, 3; malnutrition, 1; aphthous stom., 1; murder, 1; burn, 1; convulsions, 2; bronchitis, 2.

1 to 5 death-rate.—5 against 14 last year, and average of ten years 17·4. This is the lowest death-rate recorded. Deaths due to bronchitis 3, diarrhoea 1, convulsions 2; an inquest on one of these.

5 to 15.—1 death due to meningitis from mastoid abcess. 4 less than last year; 8·8 less than average.

15 to 25.—Deaths 1 in excess of last year, exactly average rate of ten years. Inquest 2 (verdict manslaughter by neglect 1, natural causes 1), phthisis 2, erysipelas on chronic lupus 1, ulcer of stomach (perforation) 1, embolism and meningitis 1 each.

